ID	Main Headings	Task Name	Finish	Timeline Marker
1		Go-Ahead	6/14/96	Go-Ahead
2		Pre Phase A Adv Studies (LURT)	6/14/96	Pre Phase A Adv Studies (LURT)
3		Phase A Prelim Analysis (60-Day Team)	8/23/96	Phase A Prelim Analysis (60-Day Team)
4		Prelim Non-Advocate Review	9/20/96	Prelim Non-Advocate Review
5		Start-up Funding Approved	10/9/96	Start-up Funding Approved
6		Project CR Approved	12/19/96	Project CR Approved
7	Facility Mile	SDE-1 H/W Installed @ EDL (Release C1, G1)	1/3/97	SDE-1 H/W Installed @ EDL (Release C1, G1)
8	Proj Reviews	Acquisition Strategy Meeting	1/31/97	Acquisition Strategy Meeting
9	PMC Docs	Program Management Plan Baselined	1/31/97	Program Management Plan Baselined
10	PMC Docs	Project Plan (Includes Risk Assessment) Baselined	1/31/97	Project Plan (Includes Risk Assessment) Baselined
11	Capabilities	SIM - Project Re-Baseline	2/1/97	SIM - Project Re-Baseline
12	Proj Reviews	CLCS PMC Established	2/10/97	CLCS PMC Established
13	Decisions/Def	Drawing Tools Selected	3/7/97	Drawing Tools Selected
14	PMC Docs	System Test Plan Baselined	3/28/97	System Test Plan Baselined
15	Facility Mile	LCC-X Early Start Console Inst. (Rel. C1, E1)	3/28/97	LCC-X Early Start Console Inst. (Rel. C1, E1)
16	System S/W	Initial Sys & User Displays Receiving Shuttle Data	3/31/97	Initial Sys & User Displays Receiving Shuttle Data
17	System S/W	Initial System Communications Complete	3/31/97	Initial System Communications Complete
18	System S/W	System Development Environment On-Line	3/31/97	System Development Environment On-Line
19	Deliveries	JUNO DELIVERY	3/31/97	JUNO DELIVERY
20	Op Facilities	SAIL - Old LPS Equip Relocated to Payload Bay Area	4/10/97	SAIL - Old LPS Equip Relocated to Payload Bay Area
21	Facility Mile	SDE-2 H/W Installed (Release C1, G1)	4/21/97	SDE-2 H/W Installed (Release C1, G1)
22	Decisions/Def	Application S/W Tools Selected	4/23/97	Application S/W Tools Selected
23	Proj Reviews	Arch. Baseline Review	4/23/97	Arch. Baseline Review
24	PMC Docs	System Description Document Baselined	4/23/97	System Description Document Baselined
25	Decisions/Def	CM Tools Selected	4/28/97	CM Tools Selected
26	Capabilities	SIM - Model Databank and Model Translator	4/29/97	SIM - Model Databank and Model Translator
27	Facility Mile	SDE-2 Functional	5/1/97	SDE-2 Functional
28	PMC Docs	Life Cycle Cost Analysis Baselined	5/9/97	Life Cycle Cost Analysis Baselined
29	Facility Mile	SDE-1 Relocated to PCC	5/9/97	SDE-1 Relocated to PCC
30	Facility Mile	SDE-3 H/W Installed (Release C1 + Misc.)	6/1/97	SDE-3 H/W Installed (Release C1 + Misc.)
31	Facility Mile	SDE JSC H/W Installed & Activated (Rel. C1, G1)	6/13/97	SDE JSC H/W Installed & Activated (Rel. C1, G1)
32	Capabilities	SIM - Model and Procedure Translator (Release 2)	6/13/97	SIM - Model and Procedure Translator (Release 2)
33	Proj Reviews	Non Advocate Review	6/20/97	Non Advocate Review
34	Capabilities	GIM Remote Access Demo	6/26/97	GIM Remote Access Demo
35	PMC Docs	System Level Specifications Baselined	6/26/97	System Level Specifications Baselined
36	Decisions/Def	Problem Report Tracking Tool Selected	6/30/97	Problem Report Tracking Tool Selected
37	Decisions/Def	Display Tools Selected	6/30/97	Display Tools Selected
38	Facility Mile	IDE-1 H/W Installed (Release C1, G1, E1)	6/30/97	IDE-1 H/W Installed (Release C1, G1, E1)
39	Capabilities	GIM First Art. Acceptance @ KSC	7/22/97	GIM First Art. Acceptance @ KSC
40	Capabilities	SIM - Remote Term Model/Procedure Execution (Rele	8/11/97	SIM - Remote Term Model/Procedure Execution (Release 3)
41	System S/W	Basic System Build Provided	9/26/97	Basic System Build Provided
42	System S/W	Basic System Data Bank Available	9/26/97	Basic System Data Bank Available
43	System S/W	Basic System Fusion Operating	9/26/97	Basic System Fusion Operating
44	System S/W	Basic System Load & Initialization Provided	9/26/97	Basic System Load & Initialization Provided
45	System S/W	Basic Test Build Provided	9/26/97	Basic Test Build Provided
46	System S/W	GSE Commanding Demo	9/26/97	GSE Commanding Demo

Timeline header (Fiscal Years): 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 20 — each divided into Qtr 1, Qtr 2, Qtr 3, Qtr 4 (leftmost columns show 6 / Qtr 3 / Qtr 4)

Timeline columns: 1996 (Qtr 3, Qtr 4), 1997 (Qtr 1–Qtr 4), 1998 (Qtr 1–Qtr 4), 1999 (Qtr 1–Qtr 4), 2000 (Qtr 1–Qtr 4), 2001 (Qtr 1–Qtr 4), 2002 (Qtr 1–Qtr 4), 2003 (Qtr 1–Qtr 4), 2004 (Qtr 1, Qtr 2)

ID	Main Headings	Task Name	Finish
47	App S/W	HMF Pathfinder	9/26/97
48	System S/W	Initial System Commanding Complete	9/26/97
49	App S/W	LCC-X Ready for SLWT Test	9/26/97
50	System S/W	Super Lightweight Data & Displays Functional	9/26/97
51	Capabilities	SIM - Data Logging, Logging Reduction (Release 4)	10/2/97
52	Capabilities	SDC - Limited Production Support	10/6/97
53	Op Facilities	Network Architecture Defined	10/10/97
54	Deliveries	REDSTONE DELIVERY	10/10/97
55	Capabilities	SDC - Prelim End-to-End Verif Complete	10/15/97
56	Op Facilities	OCR-1 Floor Plan Drawings	10/23/97
57	Capabilities	SDC - SN0 Backup Capable	10/31/97
58	Capabilities	GIM First Art. Demo @ Lockheed Sanders (Nashua, N	11/7/97
59	Op Facilities	Remove Equip for LCC-2 Dual Flow	11/10/97
60	Op Facilities	LCC-4 Decommissioned	11/27/97
61	Op Facilities	LCC-2 Dual Flow Capable	11/30/97
62	Capabilities	SIM - Real-Time Model/Procedure Execution (Release	12/5/97
63	Proj Reviews	Console Enclosure Hardware Spec Review (HSR) (Re	12/12/97
64	Op Facilities	HMF Working Set Drawings	12/15/97
65	Op Facilities	CITE - Requirements Defined	1/5/98
66	Op Facilities	HMF - Ready for H/W	1/14/98
67	Proj Reviews	Gateway H/W Hardware Spec Review (HSR) (Release	1/15/98
68	Op Facilities	CCS - Requirements Defined	1/16/98
69	Capabilities	GIM H/W Ready to Ship	1/26/98
70	Capabilities	SIM - Model and Procedure Non-CCMS Graphics	2/3/98
71	Op Facilities	HMF - H/W Inst. & Activated (Rel. C1,E2,G2(-1))	2/23/98
72	Op Facilities	SAIL - H/W Installation (Release C1, E2, G2(-1))	2/26/98
73	Capabilities	SIM - Model Execution with CCMS MDM and PCM Da	3/6/98
74	System S/W	Basic Constraint Management Operating	3/27/98
75	App S/W	HMF - Monitor Only	3/27/98
76	System S/W	Initial End-Item Management Operating	3/27/98
77	Op Facilities	OCR-1 Set Drawings Released	3/27/98
78	Deliveries	THOR DELIVERY	3/27/98
79	System S/W	DBSAFE Initial Operations	5/1/98
80	Proj Reviews	Platforms and Networks HSRs Complete (Release C2	5/1/98
81	Proj Reviews	Project Plan Review (PPR)	5/1/98
82	System S/W	S/W Portability Demonstrated (Release C2)	5/1/98
83	Capabilities	SIM - Simulation Release to Validation	5/5/98
84	Op Facilities	DFRC - Requirements Defined	5/31/98
85	Op Facilities	SAIL - Available for S/W Development	6/1/98
86	Capabilities	SDC - Phase I Installation Complete	7/1/98
87	Op Facilities	HMF - H/W Update (Release G2)	8/12/98
88	Manifest Mile	OV-104 at OMDP	8/18/98
89	Op Facilities	OCR-1 - H/W Inst. & Activated (Rel. C2, E2, G2)	9/1/98
90	Capabilities	SDC Release P1 H/W Installed & Activated	9/18/98
91	Deliveries	ATLAS DELIVERY	9/25/98
92	App S/W	Demo Auto Cmd and Ctrl - HMF	9/25/98

Release C1=COTS, Release 1; E1 = Console Enclosures; G1 = Gateways; etc.

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ID	Main Headings	Task Name	Finish	Timeline Position
93	App S/W	Demo Man/Auto Cmd/Cntrl - Orb PU (Model)	9/25/98	Demo Man/Auto Cmd/Cntrl - Orb PU (Model)
94	System S/W	End Item Manager Phase II Operational	9/25/98	End Item Manager Phase II Operational
95	Facility Mile	IDE-2 Functionality Established in OCR-1	9/25/98	IDE-2 Functionality Established in OCR-1
96	System S/W	Initial System Redundancy Functional	9/25/98	Initial System Redundancy Functional
97	Capabilities	SDC - End-to-End Verif Complete	11/17/98	SDC - End-to-End Verif Complete
98	Capabilities	SIM - End-to-End Verification Complete	10/24/98	SIM - End-to-End Verification Complete
99	Op Facilities	SAIL - H/W Upgrade (Release G2)	10/30/98	SAIL - H/W Upgrade (Release G2)
100	Capabilities	SDC - ORR	12/18/98	SDC - ORR
101	Capabilities	SIM - Simulation Release to Production	10/30/98	SIM - Simulation Release to Production
102	Capabilities	SDC - Operational	2/2/99	SDC - Operational
103	Capabilities	SIM - Full Support to CLCS	10/31/98	SIM - Full Support to CLCS
104	Capabilities	SIM - User Transition Complete for CDS	12/1/98	SIM - User Transition Complete for CDS
105	Op Facilities	HMF- Ready for User Acceptance	12/30/98	HMF- Ready for User Acceptance
106	Capabilities	CDS Decommissioned	2/28/99	CDS Decommissioned
107	Op Facilities	CITE - H/W Inst. & Rdy for Acceptance (Rel. C2, E2, G	2/1/99	CITE - H/W Inst. & Rdy for Acceptance (Rel. C2, E2, G2)
108	App S/W	Demo Man/Auto Cmd/Cntrl - Orb PU (Flight H/W)	3/26/99	Demo Man/Auto Cmd/Cntrl - Orb PU (Flight H/W)
109	App S/W	Demo Manual Cmd/Cntrl - Orb PU (OPF)	3/26/99	Demo Manual Cmd/Cntrl - Orb PU (OPF)
110	App S/W	Monitor Orbiter Power-Up Stationkeeping (OPF)	3/26/99	Monitor Orbiter Power-Up Stationkeeping (OPF)
111	App S/W	Monitor Orbiter Up-Mission Processing (UMPS)	3/26/99	Monitor Orbiter Up-Mission Processing (UMPS)
112	System S/W	System Redundancy Management	3/26/99	System Redundancy Management
113	System S/W	System Support Software and Services	3/26/99	System Support Software and Services
114	Deliveries	TITAN DELIVERY	3/26/99	TITAN DELIVERY
115	Proj Reviews	Project Plan Review (PPR)	4/15/99	Project Plan Review (PPR)
116	Op Facilities	HMF - LPS Decommissioned	5/25/99	HMF - LPS Decommissioned
117	Capabilities	SDC - Phase II Installation Complete	7/5/99	SDC - Phase II Installation Complete
118	Facility Mile	IDE-2 H/W Inst. in LCC 2P10 (Rel. C2,E2,G2)	8/31/99	IDE-2 H/W Inst. in LCC 2P10 (Rel. C2,E2,G2)
119	App S/W	Demo Auto Cmd/Cntrl - Orb PU (OPF)	9/24/99	Demo Auto Cmd/Cntrl - Orb PU (OPF)
120	App S/W	Demo Manual Cmd/Cntrl - Orb Up-Mission Proc (UMP	9/24/99	Demo Manual Cmd/Cntrl - Orb Up-Mission Proc (UMPS)
121	App S/W	Monitor Man/Auto Orbiter Power-Up (PAD)	9/24/99	Monitor Man/Auto Orbiter Power-Up (PAD)
122	Facility Mile	Relocate SDE-2 to LCC 2P10	9/24/99	Relocate SDE-2 to LCC 2P10
123	Deliveries	SCOUT DELIVERY	9/24/99	SCOUT DELIVERY
124	System S/W	System Support Software and Services	9/24/99	System Support Software and Services
125	Capabilities	SDC - CLCS Data Store ORR	10/1/99	SDC - CLCS Data Store ORR
126	Facility Mile	IDE-1 Relocated to LCC 2P10 (Move H/W)	10/31/99	IDE-1 Relocated to LCC 2P10 (Move H/W)
127	Facility Mile	SDE JSC Teardown	12/30/99	SDE JSC Teardown
128	Op Facilities	CITE - Applications Test & Integration	3/3/00	CITE - Applications Test & Integration
129	Op Facilities	CITE - ORR	3/6/00	CITE - ORR
130	Op Facilities	OCR-2 Floor Plan Defined	3/21/00	OCR-2 Floor Plan Defined
131	App S/W	Demo Auto Cmd/Cntrl - Orb Up-Mission Proc (UMPS)	3/31/00	Demo Auto Cmd/Cntrl - Orb Up-Mission Proc (UMPS)
132	App S/W	Monitor Man/Auto Cmd/Cntrl - Orb PU (VAB)	3/31/00	Monitor Man/Auto Cmd/Cntrl - Orb PU (VAB)
133	App S/W	Monitor Man/Auto Cmd/Cntrl - Pad Validation	3/31/00	Monitor Man/Auto Cmd/Cntrl - Pad Validation
134	App S/W	OPF Application S/W Validated	3/31/00	OPF Application S/W Validated
135	System S/W	System Support Software and Services	3/31/00	System Support Software and Services
136	Deliveries	DELTA DELIVERY	3/31/00	DELTA DELIVERY
137	Proj Reviews	Project Plan Review (PPR)	4/15/00	Project Plan Review (PPR)
138	Proj Reviews	Shuttle Element "No Impact" Assurance Review	6/20/00	Shuttle Element "No Impact" Assurance Review

Timeline header (Fiscal Years): 1996 (Qtr 3, Qtr 4) | 1997 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 1998 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 1999 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 2000 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 2001 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 2002 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 2003 (Qtr 1, Qtr 2, Qtr 3, Qtr 4) | 2004 (Qtr 1, Qtr 2)

Release C1=COTS, Release 1; E1 = Console Enclosures; G1 = Gateways; etc.

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ID	Main Headings	Task Name	Finish
139	Op Facilities	CCS - Floor Plan Defined	6/30/00
140	Op Facilities	CLCS Sust. Engr. Envrmt Estab. (2P10 or PCC)	6/30/00
141	Op Facilities	OCR-3 Floor Plan Defined	6/30/00
142	App S/W	PAD Application S/W Validated	7/15/00
143	Op Facilities	OCR-1 - Applications Test & Integration	7/20/00
144	Op Facilities	OCR-1 - ORR	8/1/00
145	Op Facilities	CITE - First CLCS Payload Flow	9/28/00
146	App S/W	Demo Auto Cmd/Cntrl - Tanking Ops	9/29/00
147	App S/W	Monitor Man/Auto Cmd/Cntrl - Pad Processing Ops	9/29/00
148	Deliveries	SATURN DELIVERY	9/29/00
149	System S/W	System Support Software and Services	9/29/00
150	App S/W	Support Launch Processing Operations	12/1/00
151	Proj Reviews	Platforms and Networks HSRs Complete (Release C3)	12/15/00
152	Op Facilities	OCR-1 - Launch Capable	12/20/00
153	Op Facilities	OCR-1 - First CLCS Flow	12/20/00
154	Op Facilities	LCC-3 - Decommissioned	12/21/00
155	Deliveries	NOVA DELIVERY	3/30/01
156	System S/W	System Support Software and Services	3/30/01
157	Op Facilities	OCR-2 - H/W Inst. & Activated (Rel. C3,E2,G2)	4/15/01
158	Proj Reviews	Project Plan Review (PPR)	4/15/01
159	Op Facilities	OCR-2 - ORR	4/15/01
160	Op Facilities	OCR-2 - Fully Operational	4/22/01
161	Op Facilities	LCC-2 - Decommissioned	4/23/01
162	Op Facilities	HMF - H/W Upgrade (Release C3)	5/1/01
163	Op Facilities	SAIL - H/W Upgrade (Release C3)	6/30/01
164	Op Facilities	CCS - H/W Inst. & Activated (Rel. C3, E2, G2)	8/31/01
165	Op Facilities	OCR-3 - H/W Inst. & Activated (Rel. C3,E2,G2)	8/31/01
166	Op Facilities	CCS - ORR	9/6/01
167	Op Facilities	OCR-3 - ORR	9/6/01
168	Op Facilities	OCR-3 - Fully Operational	9/13/01
169	Op Facilities	CCS - Fully Operational	9/13/01
170	Op Facilities	CITE - LPS Decommissioned	9/14/01
171	Op Facilities	SAIL - LPS Decommissioned	9/14/01
172	Op Facilities	CCS - LPS Decommissioned	9/14/01
173	Op Facilities	LCC-1 Decommissioned	9/14/01
174	Op Facilities	LCC-1 Deactivation	9/28/01
175	App S/W	Monitor Man/Auto Cmd/Cntrl -Facilities Control for CCS	9/28/01
176	Deliveries	RLV DELIVERY	9/28/01
177	System S/W	System Support Software and Services	9/28/01

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